Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start		Rating **	М	Issue No.		14
LM End		Issue Type +	Ма	Location *		WS
Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Flood Preparedness & Training				٥	0
пеш					٥	0
DWR ID	DWR ID DWR_RD0755_01_f _ 2014_14					
		Comn	nent Cod	le		
		Inspecto	or Comm	ent		
This district taken the o		•	w to con	duct a flood	d fig	ht but has not

No Photos

Issue No. LM Start Rating ** 15 Location * Issue Type + WS Ma LM End Earthen Levee GPS Latitude/Longitude Category End Emergency Supplies & Item Equipment DWR RD0755 01 f 2014 15 DWR ID Comment Code Inspector Comment

The emergency supplies was not observed during the inspection.

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

		Rating **	N 4	Issue No.		40	
LM Start		Raung	М	issue ivo.		16	
LM End		Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atituc	le/Longitud	е	
Odlogory	Jry =			Start		End	
Item		erations & Maintenance			0		0
item	Manuals				0		0
DWR ID	DWR_RD0	755_01_f _ 201	4_16				
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			

No Photos

The engineer for the district has a copy of the O&M Manual but the LMA should also have a copy.

LM Start	0.12	Rating **	Α	Issue No.		12
LM End	0.17	Issue Type +	Ма	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Vegetatio	n		38.3470	22°	38.346757°
пеш				-121.5378	03°	-121.538675 °
DWR ID DWR_RD0755_01_f _ 2016_12						
		Comn	nent Coc	de		

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No unwanted vegetation on the waterside slope from 0.12-0.17.

Photo 1 of 1: FA_2016_RD0755_177_12_20161102_00027.jpg



RD 755 Llooking downstream from levee mile 0.12 -0.17.

LM Start	0.12	Rating **	Α	Issue No.		17	
LM End	0.17	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.3470	22 °	38.346757	٥
пеш				-121.5378	03 °	-121.538675	0
DWR ID	DWR_RD0	755_01_f _ 201	6_17				
		Comn	nent Cod	de			

V9: Keep the crown roadway free of vegetation.

Inspector Comment



RD 755 Looking downstream from levee mile 0.12- 0.17.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.12	Rating **	Α	Issue No.		18
LM End	0.17	Issue Type +	Ма	Location *		LS
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetatio	n		38.3470	22°	38.346757°
item				-121.5378	03°	-121.538675°
DWR ID DWR_RD0755_01_f _ 2016_18						
		Comn	nent Cod	de		
V1 : Contreasements		grass and wee	eds on th	e levee slo	pes a	and
		Inspect	or Comn	nent		
No unwan	ted vegeta	tion on the lar	ndside sl	ope.		
, ,						



RD 755 Looking downstream from levee mile 0.12 landside slope.

LM Start	0.17	Rating **	A/W	Issue No.		20	
LM End	0.59	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Vegetation				57°	38.345423°	
item				-121.5386	75 °	-121.546223°	
DWR ID DWR_RD0755_01_f _ 2016_20							
	Comment Code						

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

The vegetation complies with standards but should be monitored, there is some patches of dead growth that should be removed.

Photo 1 of 1 : FA_2016_RD0755_177_20_20161102_00028.jpg



RD 755 looking downstream from levee mile 0.17-0.59.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.17	Rating **	U	Issue No.		19	
LM End	1.12	Issue Type +	Ma	Location *		WS	
Category	Earthen L	arthen Levee			GPS Latitude/Longitude		
Calegory			Start		End		
Item	Vegetatio	n		38.3467	57°	38.343328 °	
пеш				-121.5386	75°	-121.555493 °	
DWR ID	DWR ID DWR_RD0755_01_f _ 2016_19						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

The tall weeds on the waterside slope and shoulder should be removed.



RD 755 Levee mile 0.17-1.12 waterside slope looking downstream.

LM Start	0.24	Rating **	M	Issue No.		21	
LM End	0.24	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.34627	5°	38.346275	0
item				-121.53983	8°	-121.539838	0
DWR ID	DWR_RD0	755_01_f _ 201	6_21				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim this tree up to at least five feet above the ground.

No Photos

LM Start	0.43	Rating **	M	Issue No.		4	
LM End	1.77	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		38.3455	93°	38.337197	0
пеш				-121.5432	63°	-121.564147	0
DWR ID	DWR_RD0	755_01_f _ 201	4_4				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are bait stations along the landside levee slope; rodents are very active in this location near the walnut trees.

Photo 1 of 1: FA_2016_RD0755_177_4_20161018_00002.jpg



One of many active rodent observed during this inspection.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	0.59	Rating **	U	Issue No.	22		
LM End	0.61	Issue Type +	Ма	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory		Start		End			
Item	Vegetatio	า		38.345423 °		38.345375°	
item				-121.54622	23°	-121.546543°	
DWR ID	DWR_RD0	755_01_f _ 201	6_22			·	
Comment Code							
V1 : Contro	V1 : Control annual grass and weeds on the levee slopes and						

easements.

Inspector Comment

Remove the tall weed growth from the levee slope and ramp of the landside levee section.



RD 755 looking downstream from landside levee mile 0.59-0.61.

LM Start	0.61	Rating **	Α	Issue No.		23		
LM End	1.76	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Vegetatio	n		38.3453	75°	38.337392°		
пеш				-121.5465	43°	-121.564035°		
DWR ID	DWR_RD0	755_01_f _ 201	6_23		·			
Comment Code								

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

The slope between 0.61 and 1.76 has been maintained.

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.00	Rating **	С	Issue No.		13		
LM End	1.02	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		38.3437	25°	38.343700	0	
пеш				-121.553410 °		-121.553663	0	
DWR ID	DWR_RD0	755_01_f _ 201	5_13					
		Comn	nent Cod	de				
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee		
		Inspecto	or Comm	nent				

No Photos

LM Start 1.12 Rating ** A/W Issue No. 24 Issue Type + Location * WS 1.27 Ma LM End Earthen Levee GPS Latitude/Longitude Category End Vegetation 38.343328° 38.342695° Item -121.555493 ° -121.558108° DWR RD0755 01 f 2016 24 DWR ID

No Photos

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

The vegetation complies with the standards but should be monitored.

LS : Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.24	Rating **	М	Issue No.	1			
LM End	1.32	Issue Type +	Ma	Location *	WS			
Category	Supplemental				GPS Latitude/Longitude			
Calegory				Start		End		
Item		CE Erosion S	Survey,	38.3430	71 °	38.342426°		
пеш	DRAFT			-121.5577	06°	-121.559163°		
DWR ID	DWR_RD0755_01_f _ 2016_1							
Comment Code								

Inspector Comment

2003 - Toe and lower slope eroding, rock in water and a few pieces on the slope; rock at upstream and downstream ends. 2005 - Looks a little worse. Two major holes with vertical banks and smaller intermittent pockets in between. Stone is present upstream, downstream, and at toe. 2008 - Repaired at both ends (50 ft of new stone) but middle remains unrepaired. 2011 - Site extended downstream to include new scour. 2013 - At the downstream end, behind tree, there is a new animal burrow. Tree has exposed roots. 2015: New rock placed at toe in middle of site, hole remains behind the tree. [2015 Site ID: SAC_35-4_L]



USACE 2013 Photo #1

LM Start	1.27	Rating **	U	Issue No.	25		
LM End	1.72	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.3426	95°	38.337757°	
пеш				-121.5581	08 °	-121.563637°	
DWR ID	DWR_RD0755_01_f _ 2016_25						
	Comment Code						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

The wild weed gowth at this location need to be controlled.

Photo 1 of 1 : FA_2016_RD0755_177_25_20161102_00031.jpg



RD 755 waterside slope looking downstream from levee mile 1.27-1.72.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	10/18/2016 10/18/2016	Herman Phillips

LM Start	1.72	Rating **	A/W	Issue No.		26
LM End	1.83	Issue Type +	Ма	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.337757 °		38.336447°
				-121.5636	37°	-121.564732 °
DWR ID	DWR_RD0755_01_f _ 2016_26					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

No Photos